

WHAT IS CLAIMED IS:

1. A Venetian blind cutting machine comprising:

a machine base;

at least two molds disposed at said machine base at different height levels; each of said molds having at least one receiving hole for receiving raw material therein;

at least one cutter slidably disposed at one side of said molds; the traveling distance of said cutter can cross said receiving holes of said molds;

a cutter driving assembly disposed at said machine base for driving said cutter to travel, and

a work table disposed at one side of said machine base, which has seats thereon corresponding to said molds respectively for putting the raw materials thereon.

2. The Venetian blind cutting machine as defined in claim 1, wherein said machine base has a seat plank, which has windows thereon; each of said molds having a main board secured at one side of said seat plank; each of said main boards having a top-rail receiving hole and a transverse guiding slot; a transverse sliding block slidably engaging to said

transverse guiding slot, which has a bottom-rail receiving hole thereon; a slat receiving formed in between said transverse sliding block and said transverse guiding slot; said receiving holes being behind said windows of said seat plank; further comprising a mold stopping assembly, which has a stopping shaft seat disposed at said seat plank corresponding to the exterior side of said transverse guiding slot; said stopping shaft seat having at least two transverse through holes thereon respectively corresponding to said transverse guiding slots; at least two stopping shafts respectively passing through said transverse through holes and receiving in said transverse guiding slots; a connecting block disposed at the exterior ends of said stopping shafts; a screw shaft seat disposed at said stopping shaft seat at the side of opposite from said molds; said screw shaft seat having a transverse thread hole; a screw shaft mesh with said transverse thread hole for the interior end thereof can be against said connecting block for driving said stopping shaft to move.

3. The Venetian blind cutting machine as defined in claim 1, wherein said top mold has a vertical guiding slot thereon; a vertical sliding block slidably engaging to said vertical guiding slot; a screw shaft passing through said mold from the top end of said mold to the bottom end of said mold; the bottom end of said screw shaft being against said vertical sliding block for driving said vertical sliding block to move.

4. The Venetian blind cutting machine as defined in claim 1, wherein said cutter locates at sides of said molds respectively; said cutter driving assembly can drive said cutters to travel together.

5. The Venetian blind cutting machine as defined in claim 4, wherein each of said molds has two transverse guiding rails at topside and bottom side thereof respectively; each of said cutters having two sliding pieces at topside and bottom side thereof slidably engaging to said guiding rails respectively.

6. The Venetian blind cutting machine as defined in claim 1, wherein said cutter driving assembly comprises an AC motor, a gear train disposed at the output shaft of said AC motor for decreasing the output speed of said AC motor; a shifting block slidably disposed on said machine base for sliding in transverse direction, which has a rack thereon for meshing with an output gear of said gear train; each of said cutters connecting to said shifting block respectively by a connecting bar.

7. The Venetian blind cutting machine as defined in claim 6, wherein said cutter driving assembly further comprises a DC motor disposed beside said AC motor; a belt providing on the output shafts of said AC motor and said DC motor.

8. The Venetian blind cutting machine as defined in claim 1 further comprising a blind stopping assembly, which comprises a frame disposed at said machine base beside said molds; at least one guiding bar disposed at said frame; at least one sliding block slidably engaging to said guiding bar, which has a holding segment thereon for user to grip and a stopping board against the front ends of the raw materials; at least one spring

disposed on said guiding bar for pushing said sliding block in the direction of away said molds.

9. The Venetian blind cutting machine as defined in claim 8, wherein the amount of said sliding blocks are equal to said molds and positioning at different height levels of corresponding to said molds respectively.

10. The Venetian blind cutting machine as defined in claim 1, wherein said work table comprises an elongated flat table, a front supporting table and a back supporting table; one end of said elongated flat table being closing to said molds; said elongated flat table having two guiding bars thereon; said front supporting table having a base seat disposed at the topside of said elongated flat table and engaging to said guiding bars for free sliding; a rotating seat having one end of the bottom side thereof pivoting with said base seat to be turned inward to cover said base seat and to be turned outward; said back supporting table disposed beside the front supporting table at the side of opposite from said molds, which comprises a locking seat slidably engaging to one of said guiding bars of said elongated flat table, and a rotating seat having one end thereof engaging to the other one of said guiding bars, such that said can be turned inward to against the top end of said locking seat and can be turned outward; a lower stopping board having one end thereof disposed at the bottom side of said rotating seat; an upper stopping board having one end thereof disposed at the top side of said rotating seat; a horizontal board slidably engaging to said upper stopping board for free shifting in transverse direction.

11. The Venetian blind cutting machine as defined in claim 10, wherein said elongated flat table is provided with a length scale thereon for reading the length of the raw material.

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